

LICENSEE EVENT REPORT (LER)

FACILITY NAME (1)
LaSalle County Station Unit 2DOCKET NUMBER (2)
0 5 0 0 0 3 7 4 1 OF 0 3TITLE (4)
Reactor Water Cleanup Isolation

EVENT DATE (5)			LER NUMBER (6)			REPORT DATE (7)			OTHER FACILITIES INVOLVED (8)													
MONTH	DAY	YEAR	YEAR	SEQUENTIAL NUMBER	REVISION NUMBER	MONTH	DAY	YEAR	FACILITY NAMES		DOCKET NUMBER(S)											
0	6	2	6	8	4	8	4	0	3	2	0	0	7	1	9	8	4	0	5	0	0	0

OPERATING MODE (9)		THIS REPORT IS SUBMITTED PURSUANT TO THE REQUIREMENTS OF 10 CFR 5. (Check one or more of the following) (11)									
1		20.402(b)		20.406(c)	X	50.73(a)(2)(iv)		73.71(b)			
POWER LEVEL (10)	0 1 5 1 5	20.406(a)(1)(i)		50.36(c)(1)		50.73(a)(2)(v)		73.71(c)			
		20.406(a)(1)(ii)		50.36(c)(2)		50.73(a)(2)(vi)		OTHER (Specify in Abstract below and in Text, NRC Form 365A)			
		20.406(a)(1)(iii)		50.73(a)(2)(i)		50.73(a)(2)(vii)(A)					
		20.406(a)(1)(iv)		50.73(a)(2)(ii)		50.73(a)(2)(vii)(B)					
		20.406(a)(1)(v)		50.73(a)(2)(iii)		50.73(a)(2)(ix)					

LICENSEE CONTACT FOR THIS LER (12)
NAME
Kermit C. Wittenburg, extension 772TELEPHONE NUMBER
AREA CODE
8 1 1 5 3 1 5 1 7 E 1 6 1 7 1 6 1 1

COMPLETE ONE LINE FOR EACH COMPONENT FAILURE DESCRIBED IN THIS REPORT (13)										
CAUSE	SYSTEM	COMPONENT	MANUFACTURER	REPORTABLE TO NRC	CAUSE	SYSTEM	COMPONENT	MANUFACTURER	REPORTABLE TO NRC	
X	J	M	T	D	S	R	2	8	1	N

SUPPLEMENTAL REPORT EXPECTED (14)
X YES (If yes, complete EXPECTED SUBMISSION DATE) NO
EXPECTED SUBMISSION DATE (15)
1 2 0 1 8 4

ABSTRACT (Limit to 1400 spaces, i.e., approximately fifteen single-space typewritten lines) (16)

On June 26, 1984, at 0843 hours with Unit 2 operating at 55 percent power, the Reactor Water Cleanup system (RWCUC, CE) isolated on a spurious high differential temperature Division I Leak Detection (JM) trip. The event occurred while Instrument Mechanics were performing a functional surveillance of the Reactor Core Isolation Cooling (BN) Leak Detection system, Division I. None of the RWCUC Riley temperature switch modules indicated that a trip signal had occurred. After verifying that no abnormal conditions existed in the various RWCUC areas, the RWCUC system was restarted and returned to normal operation.

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LICENSEE EVENT REPORT (LER) TEXT CONTINUATION

FACILITY NAME (1) LaSalle County Station Unit 2	DOCKET NUMBER (2) 0-500037484	LER NUMBER (6)			PAGE (3)	
		YEAR 84	SEQUENTIAL NUMBER 032	REVISION NUMBER 00	02 OF 03	

TEXT (If more space is required, use additional NRC Form 366A's) (17)

I. EVENT DESCRIPTION

On June 26, 1984, at 0843 hours with Unit 2 operating at 55 percent power, the Reactor Water Cleanup System (RWCU, CE) isolated on a spurious high differential temperature Division I Leak Detection (LD, JM) trip. At the time of the event, Instrument Mechanics were performing LIS-RI-403, a functional test of the Reactor Core Isolation Cooling (RCIC, BN) Leak Detection system, Division I. The Instrument Mechanics were feeding in a signal to the 2E31-N613A, RCIC differential temperature Riley module to verify that the switch would trip at the proper corresponding temperature setpoint. The Instrument Mechanic who was located at the front of the Control Room panel 2H13-P632 observed the RCIC module to indicate that it had tripped as required, but did not observe any of the Division I RWCU modules to indicate a tripped condition. No isolations of the RCIC system occurred because by procedure, the isolation bypass key was placed in the "test" position during the performance of the surveillance. No abnormal conditions were observed in any of the RWCU areas.

II. CAUSE

The isolation signal was apparently caused by an induced signal while performing the RCIC functional test. The exact cause is not known.

III. PROBABLE CONSEQUENCES OF THE OCCURRENCE

The RWCU system was placed in a safe condition as the result of the isolation. An investigation showed that no abnormal temperatures existed in the various RWCU rooms and no leaks were observed.

IV. CORRECTIVE ACTION

After verifying that no abnormal conditions existed in the RWCU system areas, the isolation was reset and the RWCU system returned to normal operation. Members of the Technical Staff are investigating potentially related spurious isolations of the RWCU system from the LD system. The results of this action are being tracked by AIR 01-84-67089.

V. PREVIOUS OCCURRENCES

The RWCU system once isolated on a RCIC calibration of the same Riley temperature switch. This event was described in LER 374/84-023-00. Similar spurious isolations of the RWCU system are described in LER's 374/84-016-00, 84-026-00, 84-029-00, and 84-031-00.

LICENSEE EVENT REPORT (LER) TEXT CONTINUATION

U.S. NUCLEAR REGULATORY COMMISSION

APPROVED OMB NO. 3150-0104

EXPIRES 8/31/85

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		YEAR	SEQUENTIAL NUMBER	REVISION NUMBER			
		8 4	— 0 3 2	— 0 0	0 3	OF	0 3

TEXT (If more space is required, use additional NRC Form 366A's) (17)

VI. NAME AND TELEPHONE NUMBER OF PREPARER

Kermit C. Wittenburg, (815)357-6761, extension 772.



Commonwealth Edison
LaSalle County Nuclear Station
Rural Route #1, Box 220
Marseilles, Illinois 61341
Telephone 815/357-6761

July 19, 1984

U. S. Nuclear Regulatory Commission
Document Control Desk
Washington, D.C. 20555

Dear Sir:

Reportable Occurrence Report #84-032-00, Docket #050-374 is being submitted to your office in accordance with 10 CFR 50.73.

G. J. Diederich
Superintendent
LaSalle County Station

GJD/MLD/kg

Enclosure

xc: NRC, Regional Director
INPO-Records Center
File/NRC

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